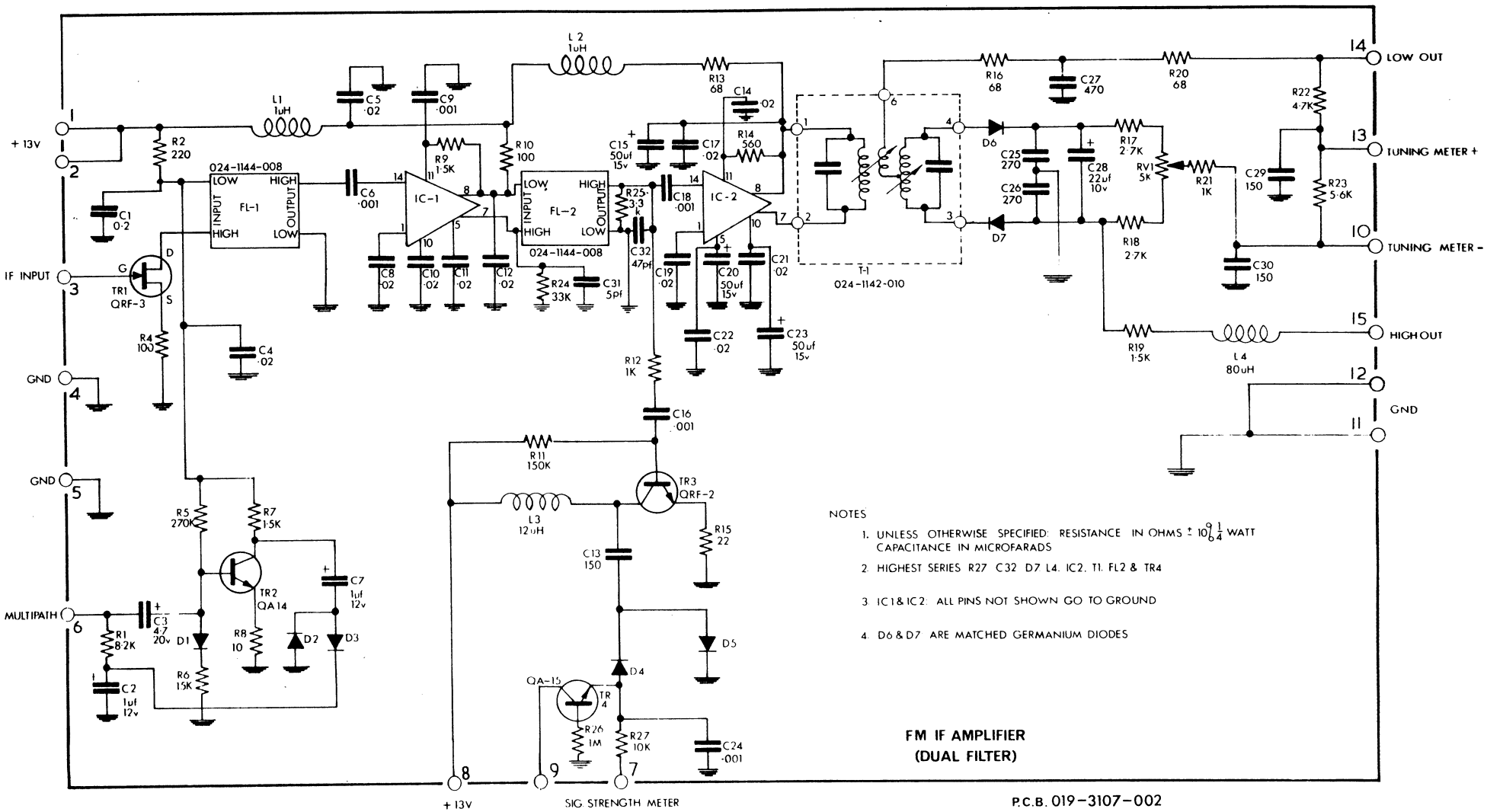


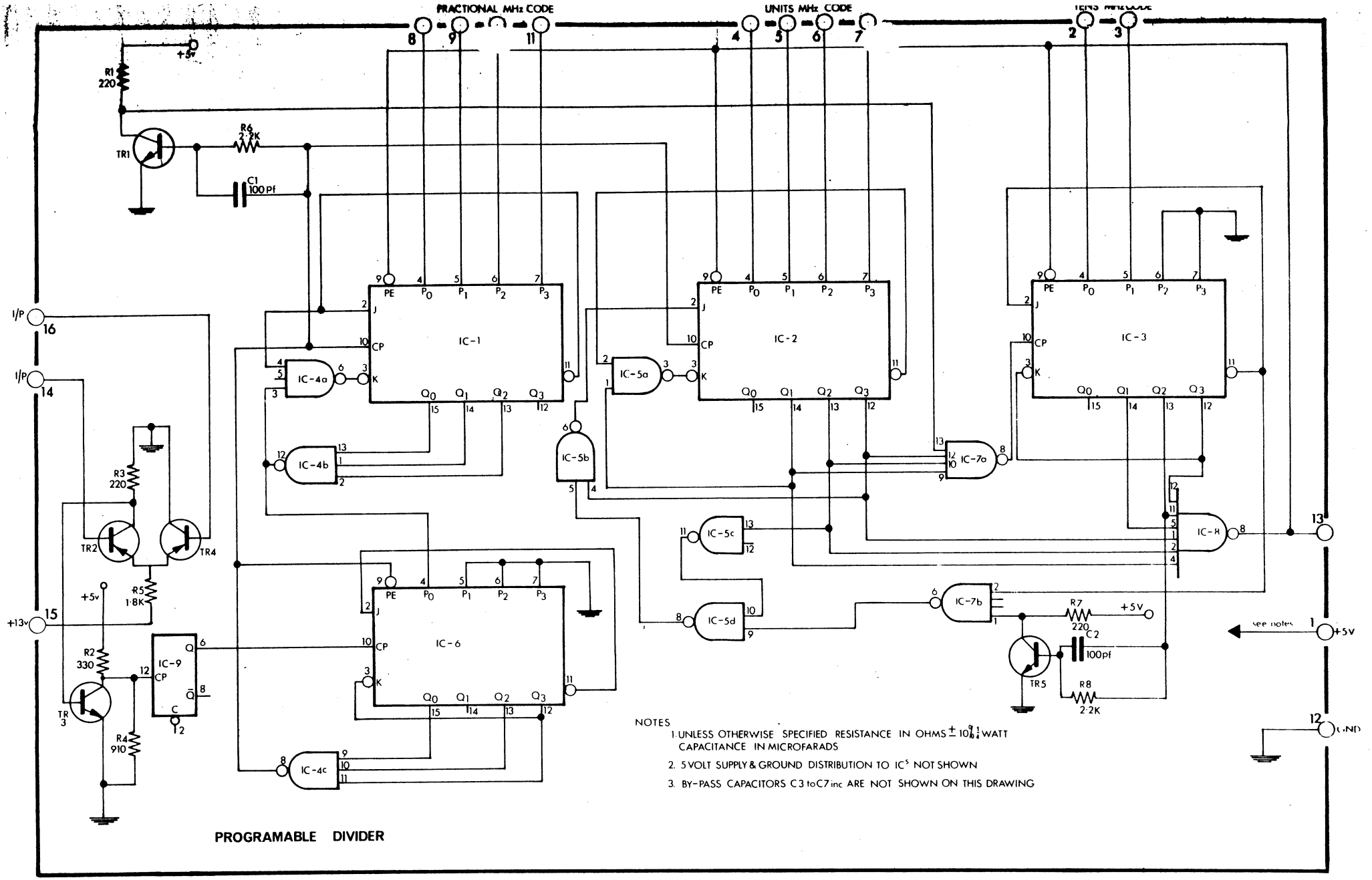
SCOTT®

FM-STEREO-DIGITAL FREQUENZ SYNTHESIZER

T33 S

SYMA. INT SA.		
FM IF AMPLIFIER		
A2	100-3331-002	REV 0
eng	X.P.	drawn date 7 11 72

310



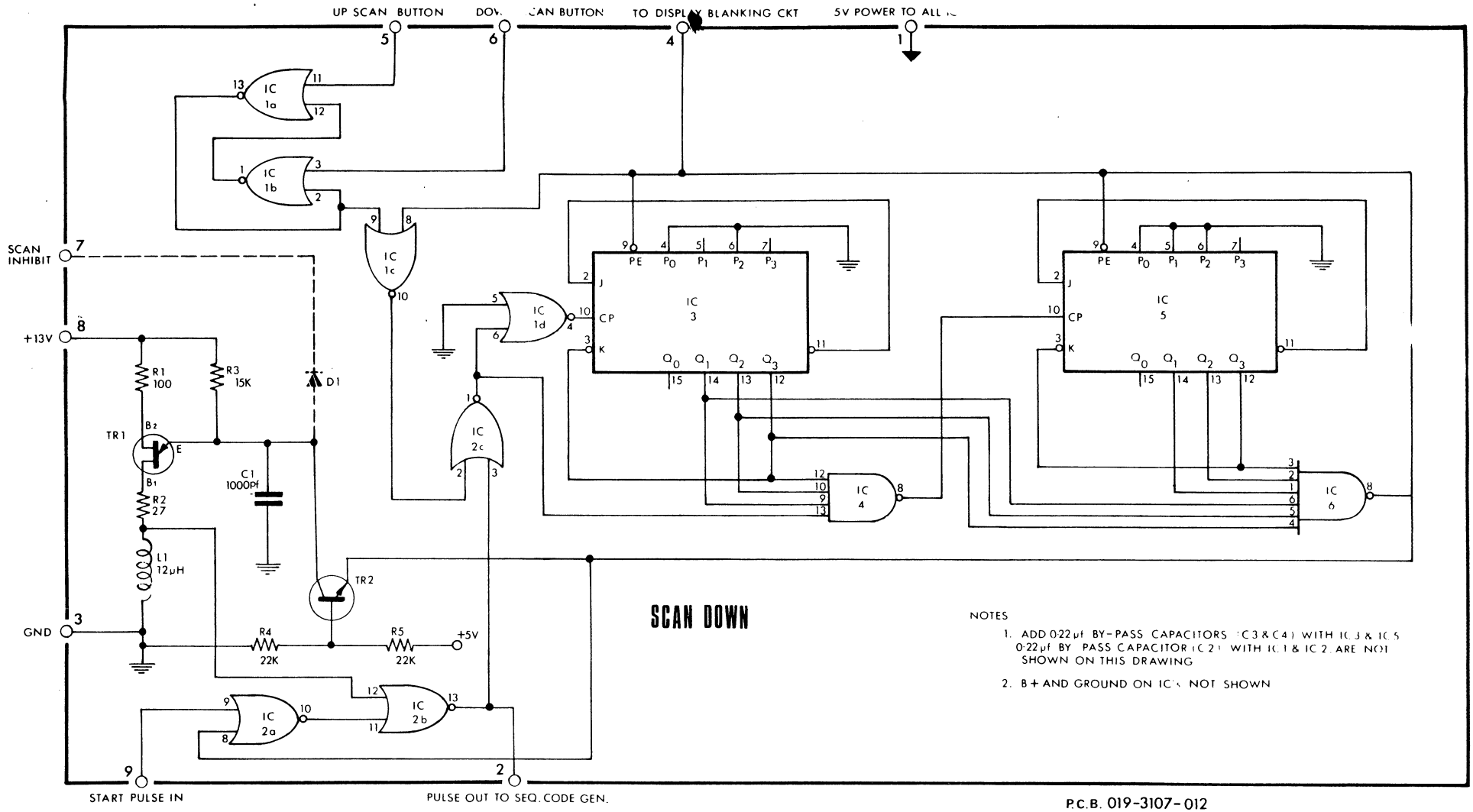
NOTES

1. UNLESS OTHERWISE SPECIFIED RESISTANCE IN OHMS ± 10% ¼ WATT CAPACITANCE IN MICROFARADS
2. 5 VOLT SUPPLY & GROUND DISTRIBUTION TO IC'S NOT SHOWN
3. BY-PASS CAPACITORS C3 to C7 inc ARE NOT SHOWN ON THIS DRAWING

PROGRAMABLE DIVIDER

P.C.B. 019-3107-008

PROGRAMABLE DI	
A2	100-3356-002
CHG	



NOTES

1. ADD 0·22µf BY-PASS CAPACITORS (C3 & C4) WITH IC 3 & IC 5. 0·22µf BY PASS CAPACITOR (C2) WITH IC 1 & IC 2 ARE NOT SHOWN ON THIS DRAWING
2. B+ AND GROUND ON IC's NOT SHOWN

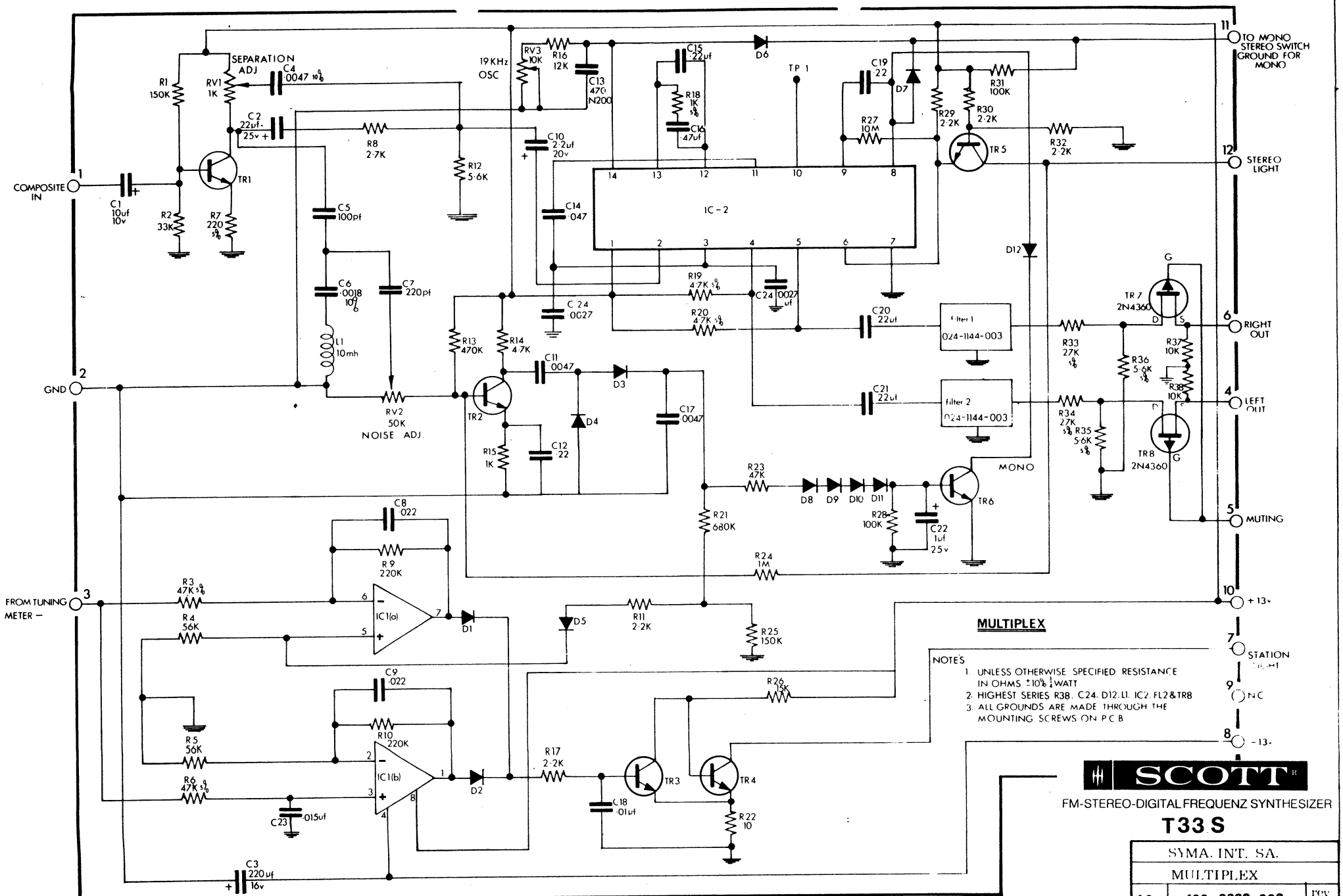
P.C.B. 019-3107-012

SCOTT®

FM-STEREO-DIGITAL FREQUENZ SYNTHESIZER

T33 S

SYMA. INT. SA.		
SCAN DOWN		
A2	100-3356-006	rev 1
eng		date

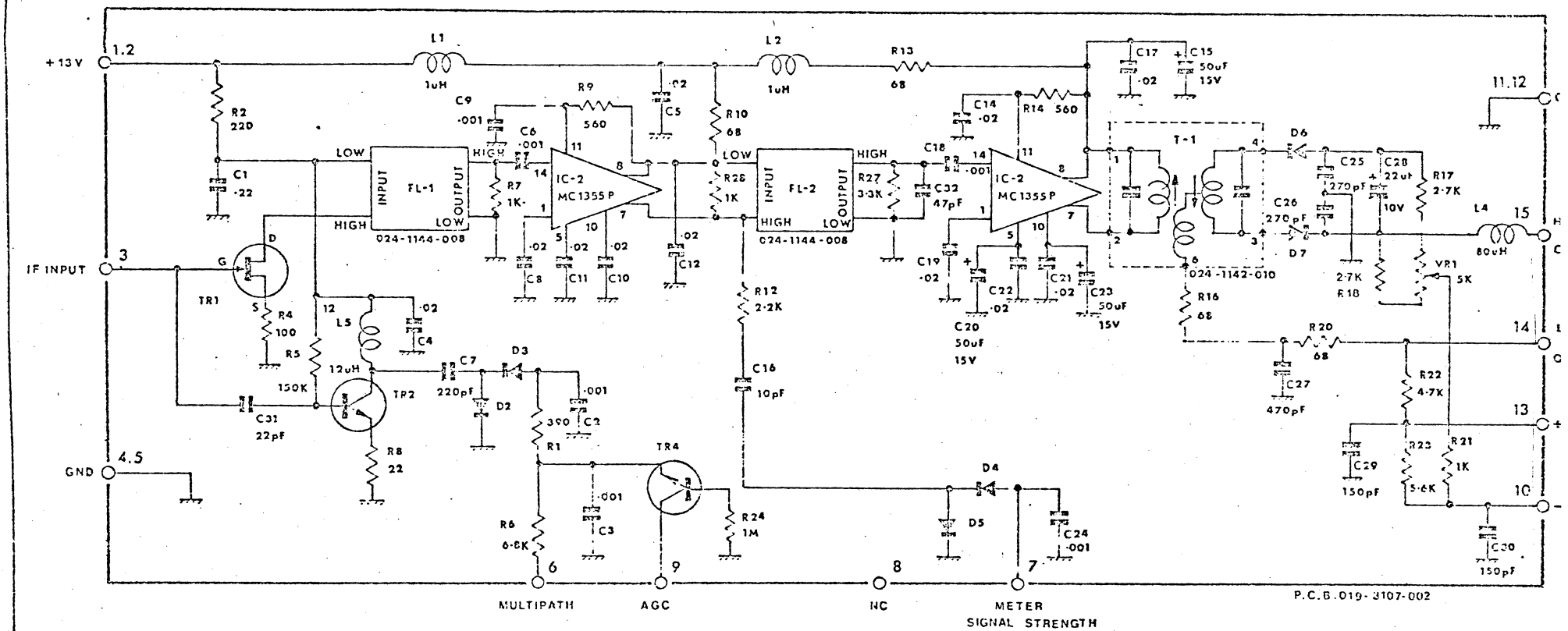


SCOTT

FM-STEREO-DIGITAL FREQUENZ SYNTHESIZER

T33 S

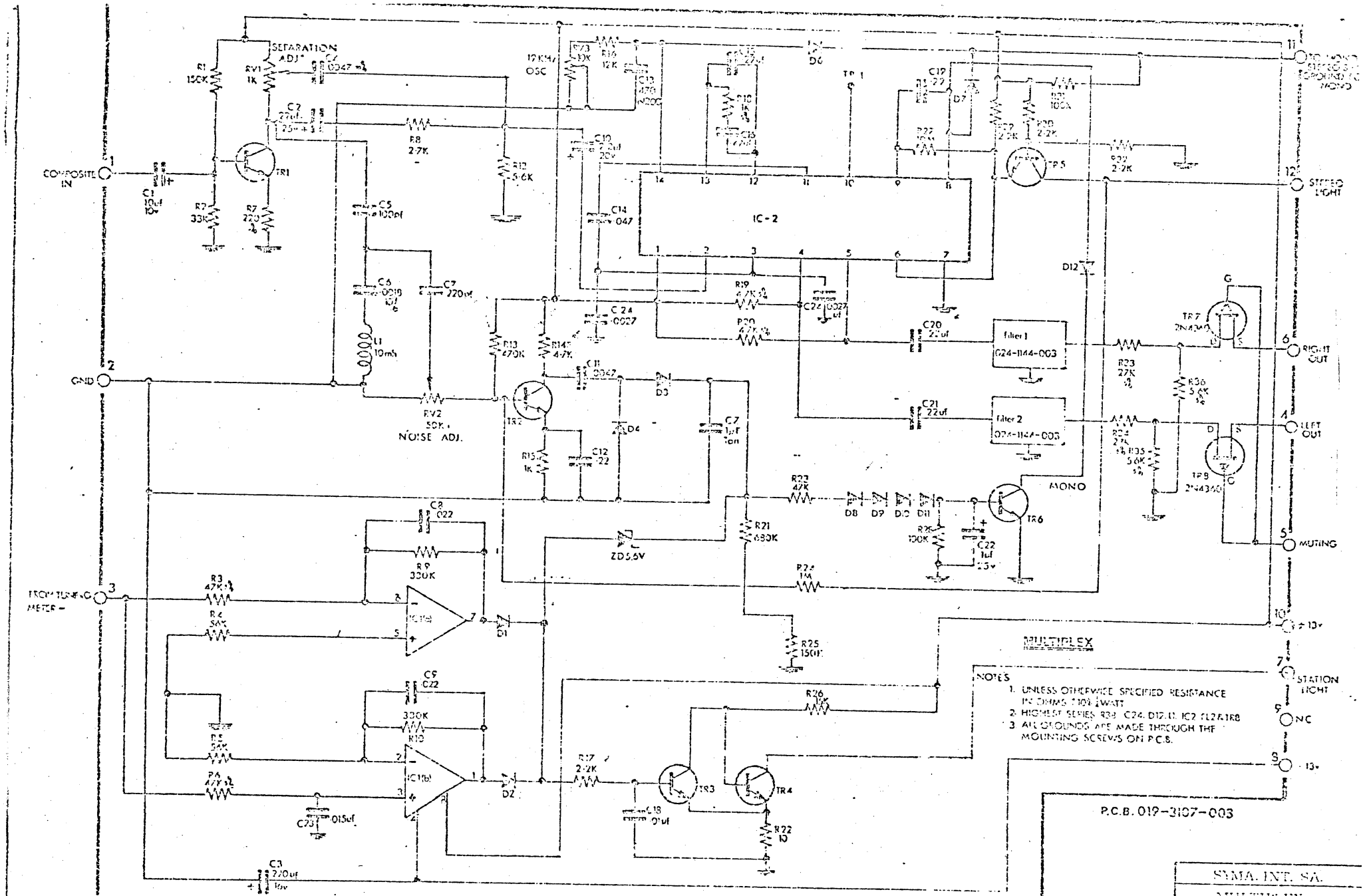
SYMA. INT. SA.		
MULTIPLEX		
A2	100-3332-002	rev. 0
eng		date 14-11-72

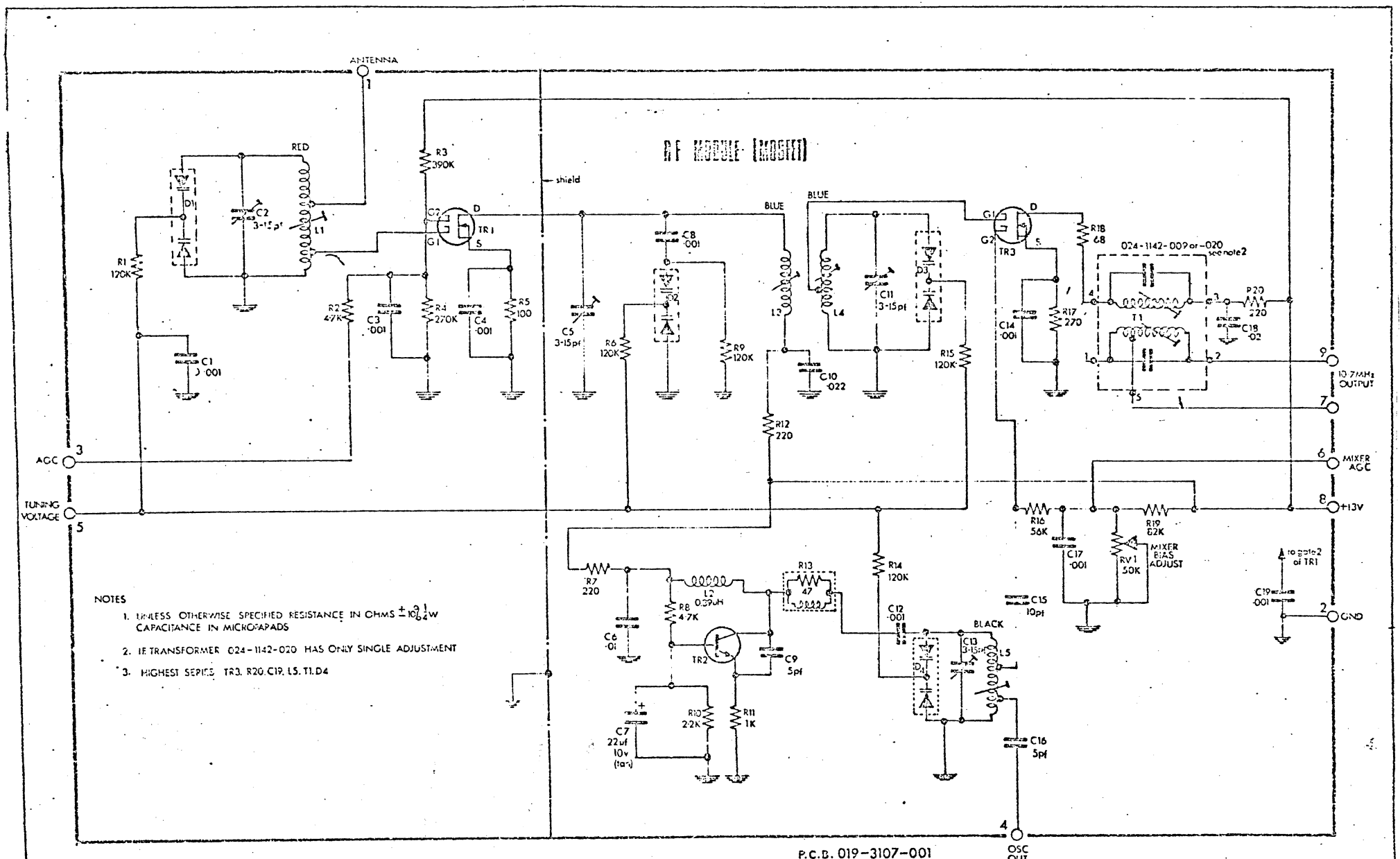


NOTES:
1. ALL RESISTORS ARE IN OHMS, 10% TOLERANCE, 1/4 WATT UNLESS OTHERWISE NOTED.
2. IC1 and IC2 - ALL PINS NOT SHOWN ARE GROUNDED.
3. CAPACITANCE IN MFDS UNLESS OTHERWISE NOTED.
4. R7, R28, C31 TACKED TO ETCHED SIDE OF BOARD.
5. D6 and D7 ARE MATCHED GERMANIUM DIODES.

T 33 S

	SYNTA INT SA
	FM IF AMPLIFIER
A2	100-1331-040


SEPARATION ADJ.
12 KHz OSC
IC-2
COMPOSITE IN
GND
FROM TUNING METER
NOISE ADJ.
Filter 1
024-1144-003
Filter 2
024-1144-003
MONO
MULTIPLEX
STEREO LIGHT
RIGHT OUT
LEFT OUT
MUTING
+13v
STATION LIGHT
NC
-13v
NOTES
1. UNLESS OTHERWISE SPECIFIED RESISTANCE IN OHMS 5 10% 1/4 WATT
2. HIGHEST SERIES R38 C24 D12 I1 IC2 TL2 & TR8
3. ALL GROUNDS ARE MADE THROUGH THE MOUNTING SCREWS ON P.C.B.
P.C.B. 019-3107-003
SYMA INT. SA.
MULTIPLEX
A3
102-3332-003

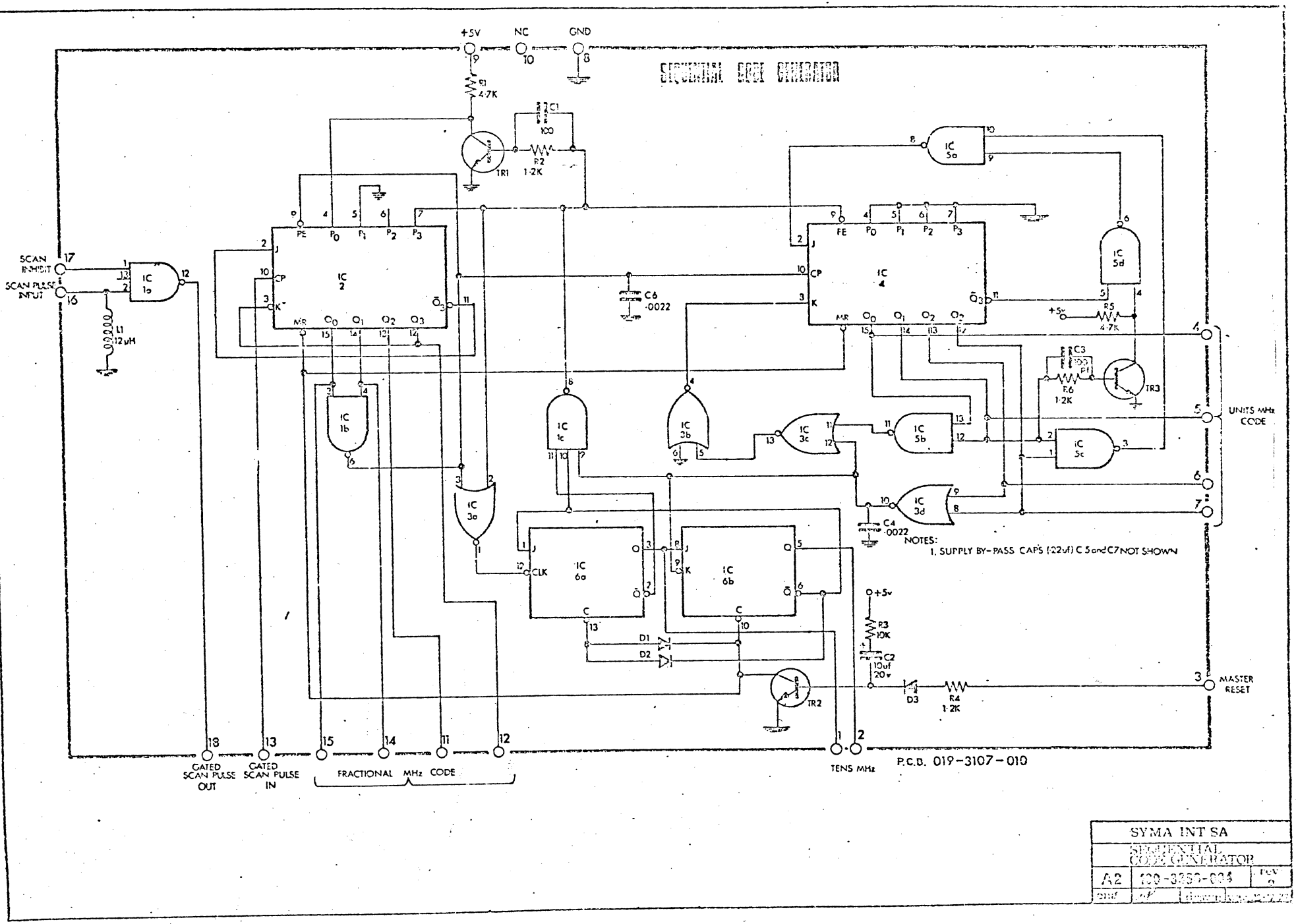


NOTES

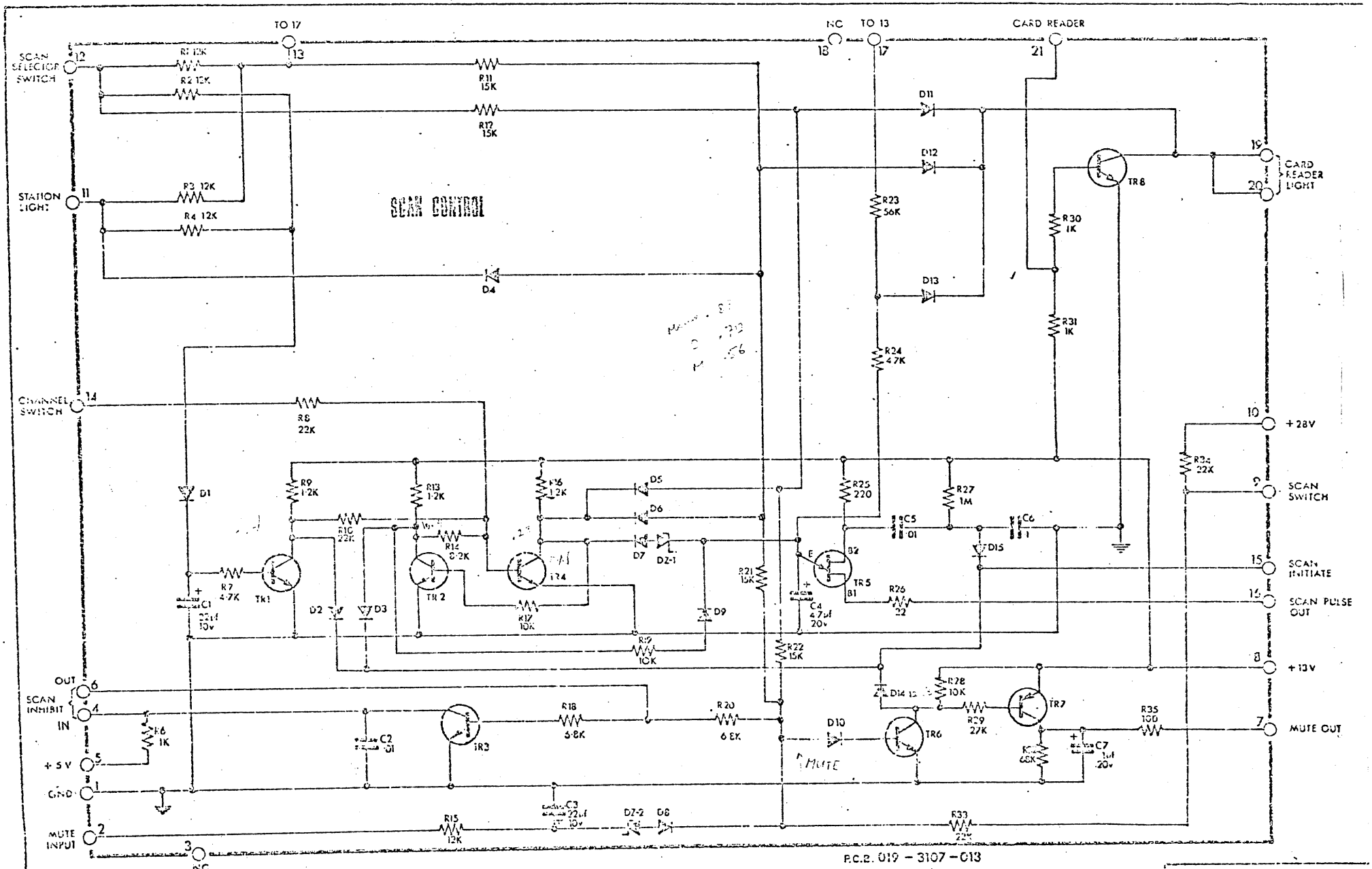
1. UNLESS OTHERWISE SPECIFIED RESISTANCE IN OHMS $\pm 10\%$ $\frac{1}{4}$W
   CAPACITANCE IN MICROFARADS
2. IF TRANSFORMER 024-1142-020 HAS ONLY SINGLE ADJUSTMENT
3. HIGHEST SERIES TR3, R20, C19, L5, T1, D4

P.C.B. 019-3107-001

SYMA. INT. SA.		
RF MODULE		
A2	100-3030-002	REV 0
DWG	SCP	DATE



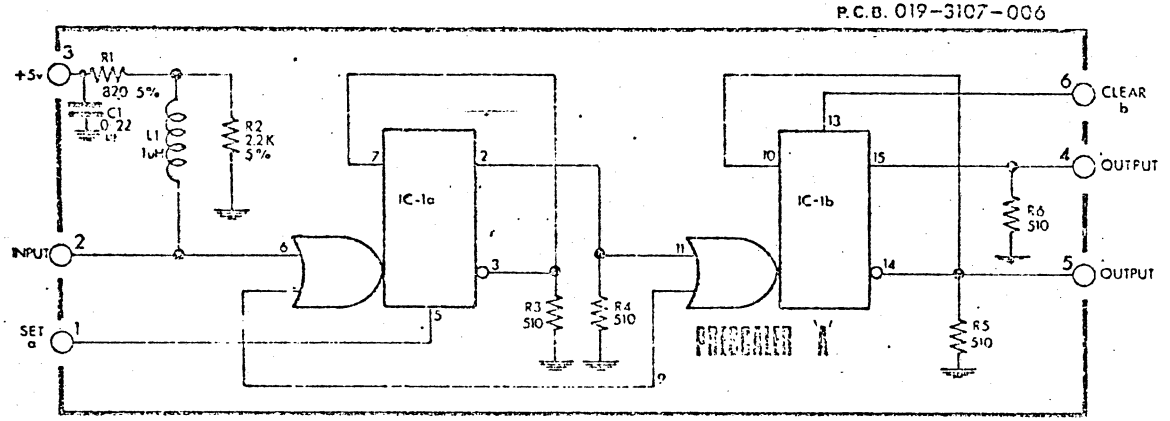
SYMA INT SA		
SEQUENTIAL CODE GENERATOR		
A2	109-3350-004	REV 0
SHT		

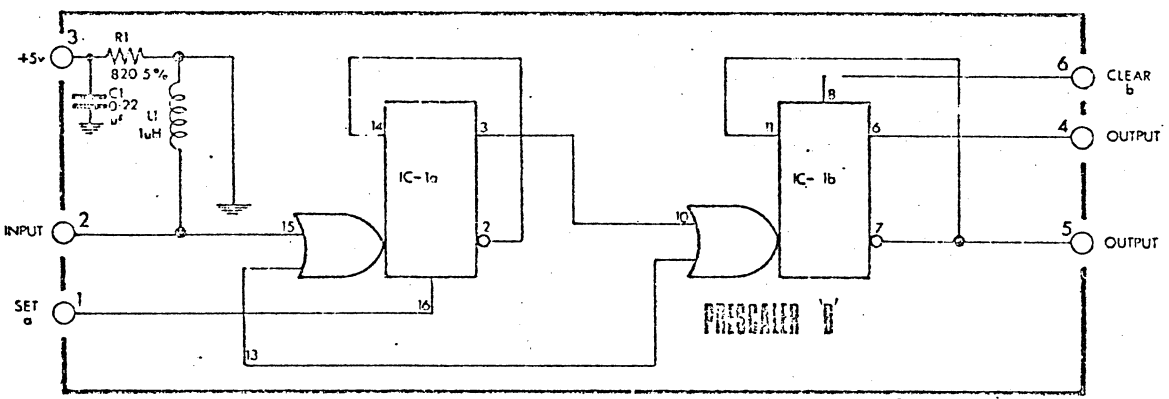


P.C.B. 019 – 3107 – 013

SYMA INT SA		
SCAN CONTROL		
A2	019-3107-013	REV 1

P.C.B. 019-3107-006





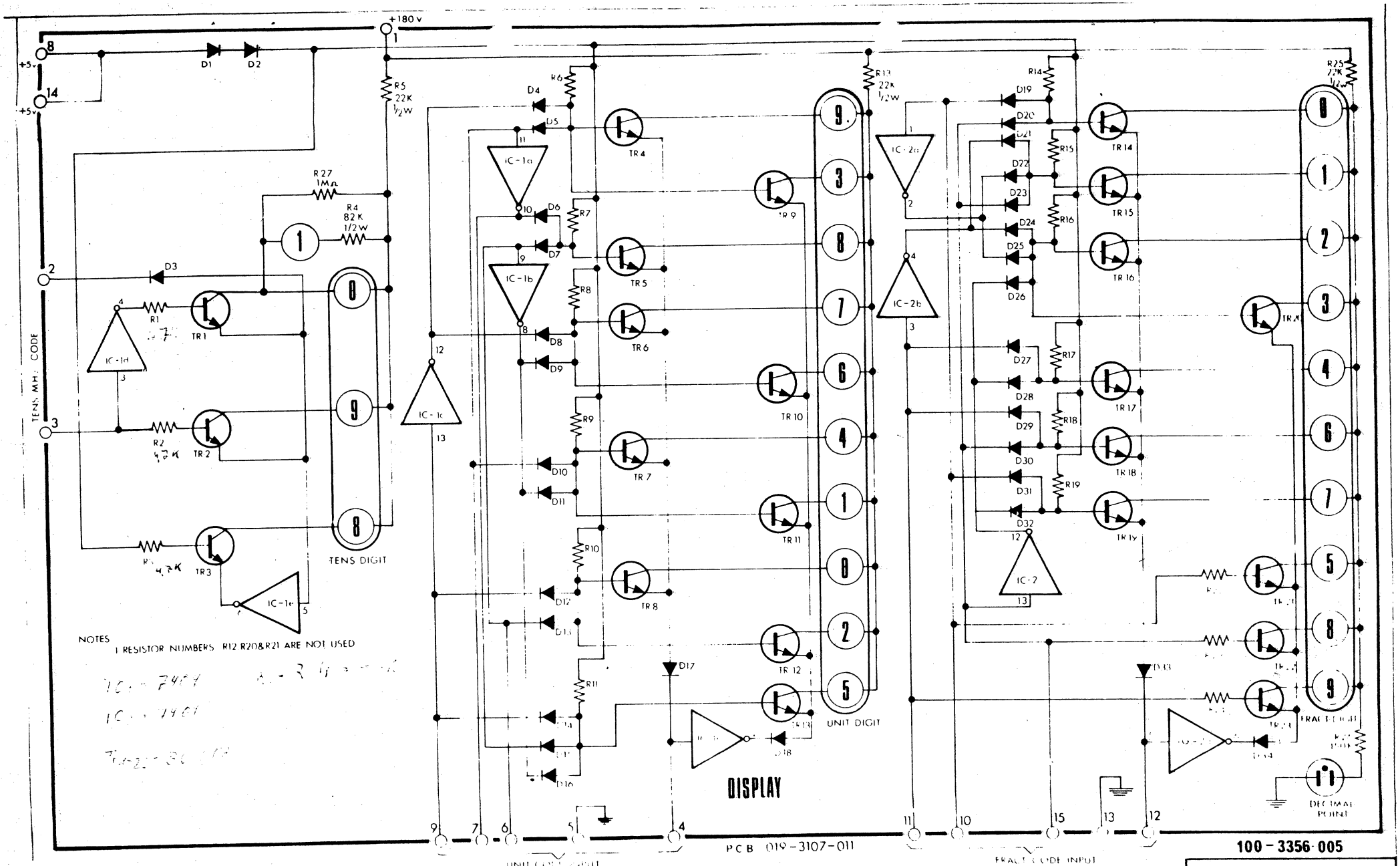
P.C.B. 019-3107-007

NOTES

1. ON BOARD A +5v CONNECTED TO PINS 1&16. GND CONNECTED TO PIN 8
   ON BOARD B +5v CONNECTED TO PINS 4&5 GND CONNECTED TO PIN 12

2. ON BOARD A IC1 IS A MOTOROLA MC 10131
   ON BOARD B IC1 IS A FAIRCHILD FCH 9528

SYMA INT SA		
PRESCALER		
A2	A 100-3356-008 B 100-3356-001	REV 0
ang		



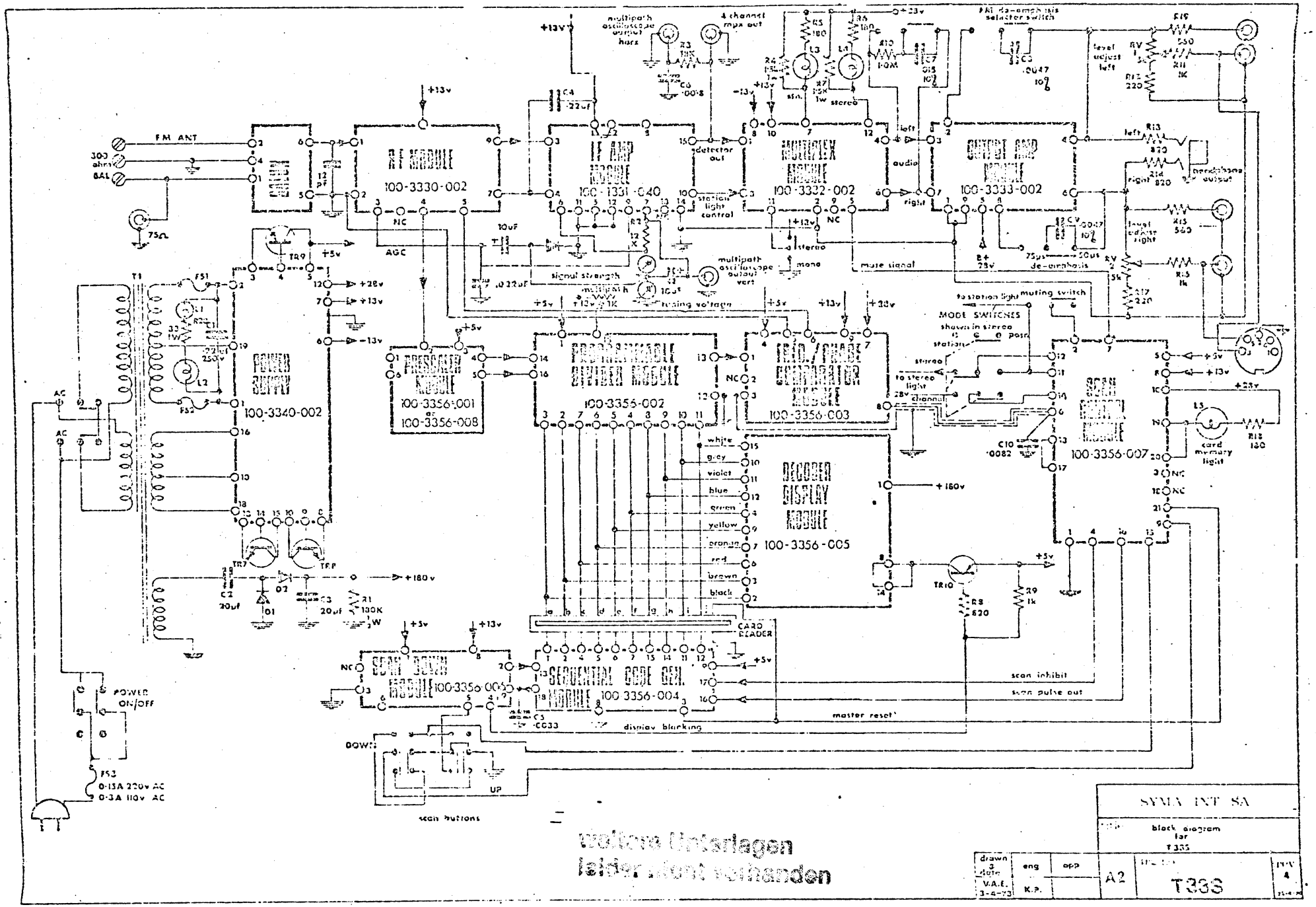
100-3356-005

SCOTT

FM STEREO DIGITAL FREQUENCY SYNTHESIZER

T33 S

SYMA INT SA		
DISPLAY		
A2	100 3356 005	

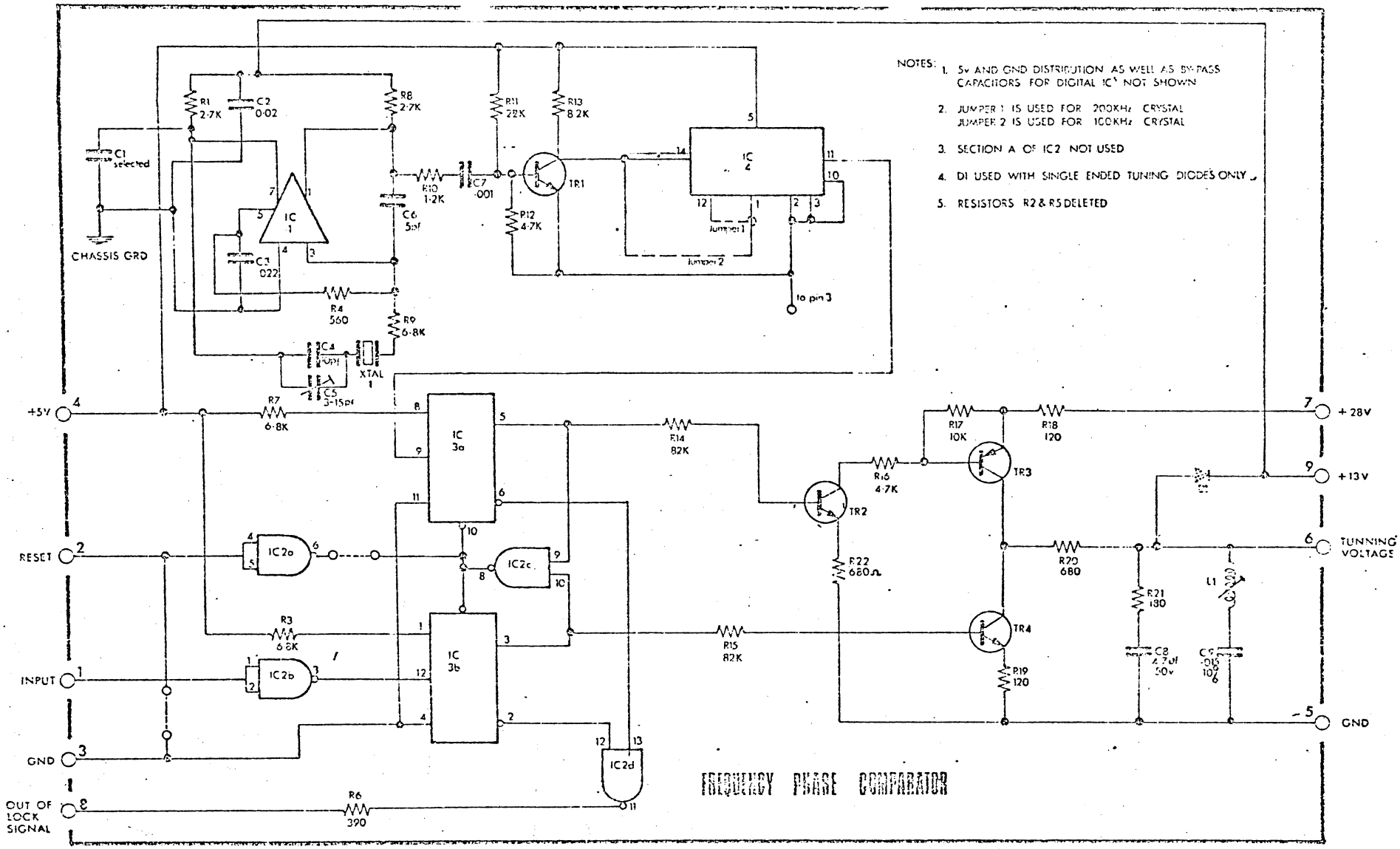


weitere Unterlagen
leider nicht vorhanden

drawn / date V.A.E. 3-6-75	eng	opp	A2	T33	PCV 4
	K.P.				

SYMA INT SA

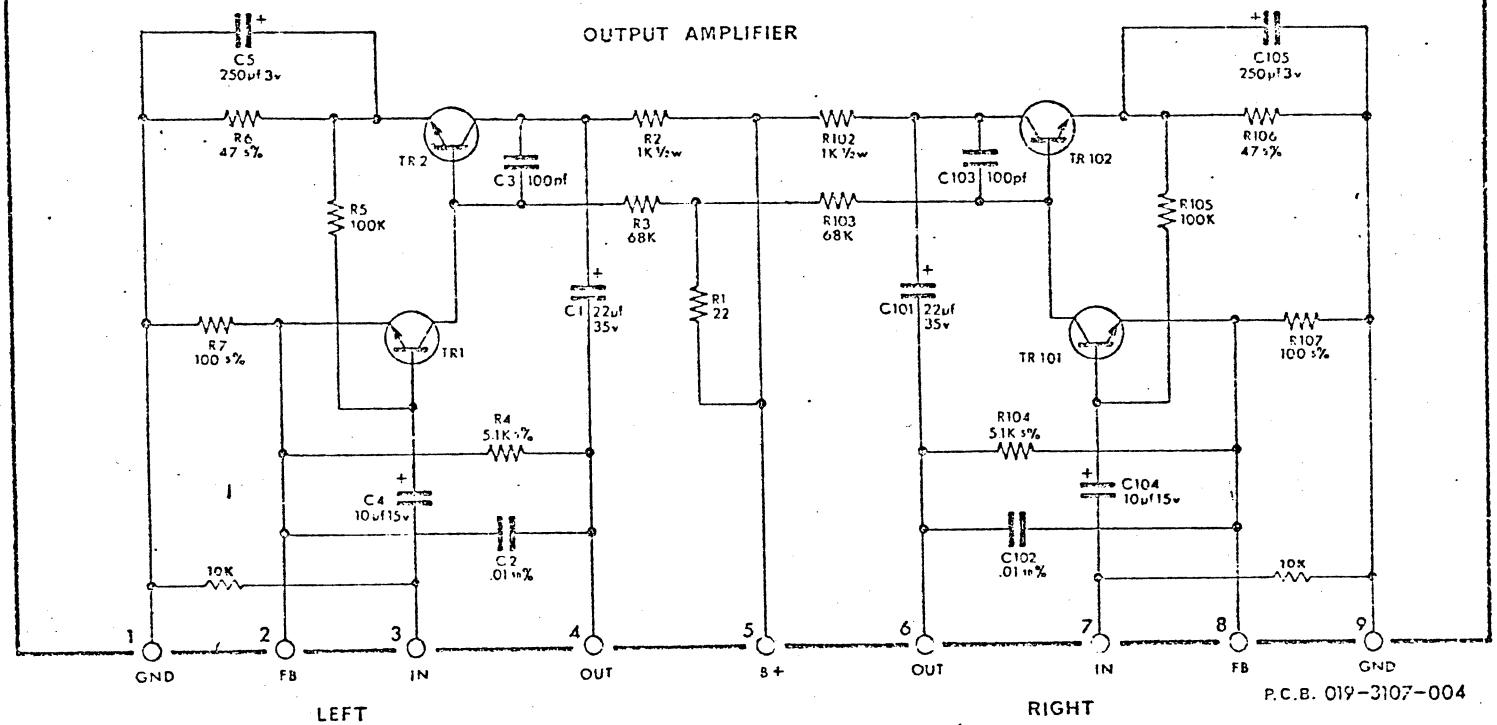
block diagram for T33



P.C.B. 019-3107-009

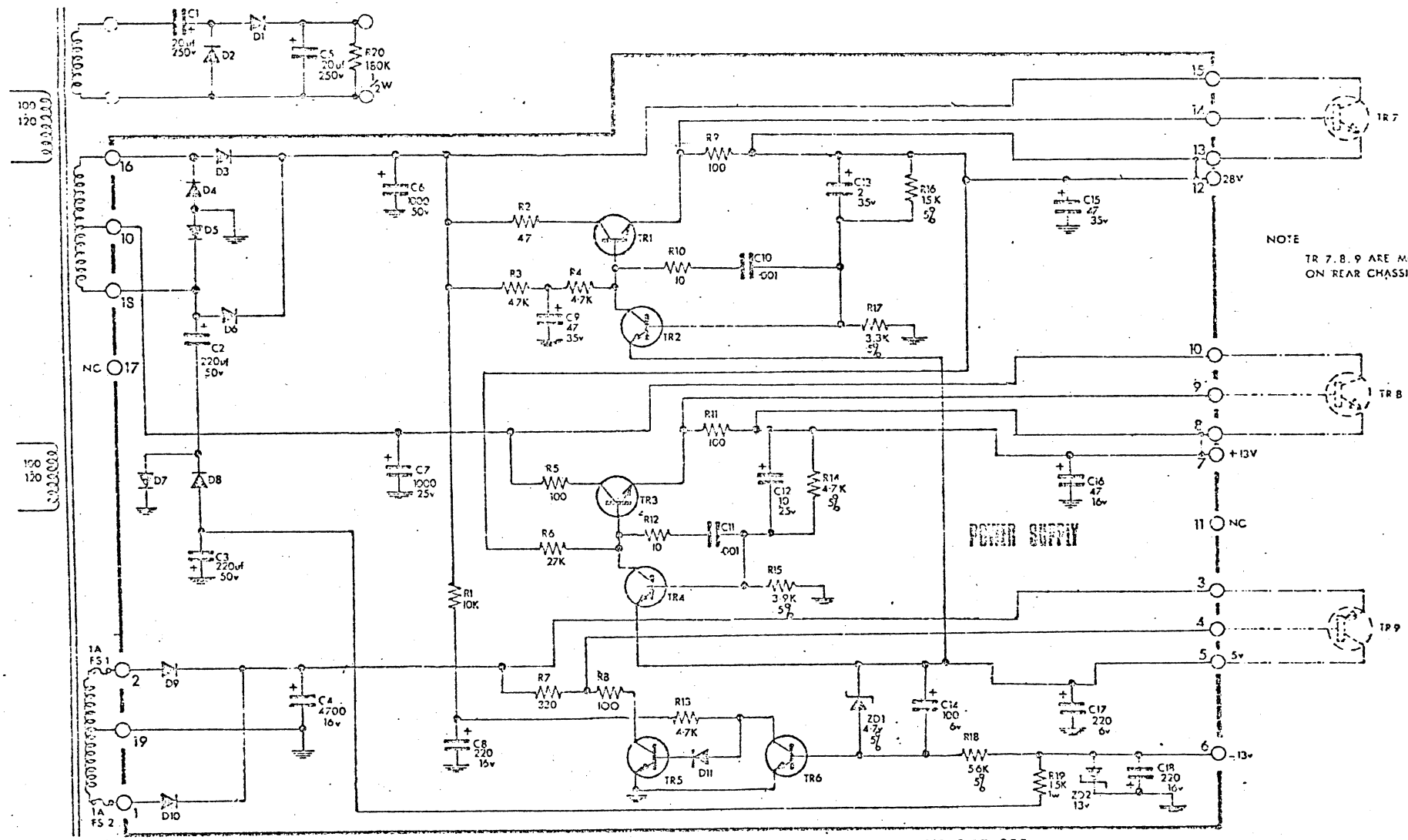
SYMA INT SA			
FREQUENCY PHASE COMP			
AS	100-3356-002		
chkd		drawn	24-12-72

NOTES
1. UNLESS OTHERWISE SPECIFIED. RESISTANCE IN OHMS ±10% ½W : CAPACITANCE IN MICROFARADS



P.C.B. 019-3107-004

		SOMA INT SA	
		OUTPUT AMP	
I R 8-4-73		A2	100-3333-002 1



P.C.B. 019-3107-005

HIGHEST SERIES R20. C16. TR6. D11. ZD2.

SYMA INT. SA.		
POWER SUPPLY		
A2	100-3340-002	2
	dessin	